

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>7</sup> :</b> <b>B27N 3/00, C08L 97/02</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/07786</b> <b>(43) International Publication Date:</b> 17 February 2000 (17.02.00)
<b>(21) International Application Number:</b> PCT/GB99/02420 <b>(22) International Filing Date:</b> 6 August 1999 (06.08.99)  <b>(30) Priority Data:</b> 9817094.7                      6 August 1998 (06.08.98)                      GB  <b>(71) Applicant (for all designated States except US):</b> UNIVERSITY OF WALES, BANGOR [GB/GB]; The Biocomposites Centre, University of Wales, Bangor, Gwynedd LL57 2UW (GB).  <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only):</b> SALISBURY, Richard, James [GB/GB]; Berth LWYD, Tyn Y Gongl, Anglesey LL74 8NS (GB).  <b>(74) Agent:</b> ATKINSON, Peter, Birch; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
<b>(54) Title:</b> BONDING LIGNOCELLULOSIC MATERIALS  <b>(57) Abstract</b>  The invention relates to a method of forming products from lignocellulosic material in which said material is subjected to a binding operation using a phenol formaldehyde resin which is cured during said operation wherein at least one of maleic acid and maleic anhydride is added during the formation of such products so as to be in admixture with the resin when it is cured.		